

E² con'd.

provided, however, that (AA₁), (AA₂), (AA₃), (AA₄) and (AA₅) never form together the peptide sequences -Lys Gly Lys Leu Ile- (SEQ ID NO: 17) and -Lys Gly Lys Leu Val- (SEQ ID NO: 18),

Replace the paragraphs beginning with the first paragraph at page 9, through the last complete paragraph at page 16, with the following paragraphs.

-- (SEQ ID NO: 1)

-LLSLWGCRGKAVCYTSVQWNET-

or

-Leu Leu Ser Leu Trp Gly Cys Arg Gly Lys Ala Val Cys Tyr Thr Ser Val Gln Trp Asn

1 5 10 15 20

Glu Thr-

22

E³ con'd.

(SEQ ID NO: 2)

-LLSLWGCRGRLVCYTSVQWNET-

or

-Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn

1 5 10 15 20

Glu Thr-

22

(SEQ ID NO: 3)

-LLSSWGCKGRLVCYTSVQWNET-

or

-Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20
Glu Thr-
22

(SEQ ID NO: 4)

-LLSSWGCKGRLVCYTSVQWNST-

or

-Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20
Ser Thr-
22

3 would
(SEQ ID NO: 5)

-LLQSWGCKGRLVCYTSVQWNST-

or

-Leu Leu Gln Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20
Ser Thr-
22

(SEQ ID NO: 6)

-LLNSWGCRGKAVCYTSVQWNET-

or

-Leu Leu Asn Ser Trp Gly Cys Arg Gly Lys Ala Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20

Glu Thr-

22

(SEQ ID NO: 7)

-LLSLWGCRGRAVCYTSVQWNET-

or

-Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Ala Val Cys Tyr Thr Ser Val Gln Trp Asn

1

5

10

15

20

Glu Thr-

22

E³ cont'd.
(SEQ ID NO: 8)

-LLSSWGCRGRLVCYTSVQWNET-

or

-Leu Leu Ser Ser Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn

1

5

10

15

20

Glu Thr-

22

(SEQ ID NO: 9)

-LLSSWGCKGRLVCYTS-

or

-Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser-

1

5

10

15

(SEQ ID NO: 10)

-LLNSWGCKGRLVCYTS-

or

-Leu Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser-
1 5 10 15

(SEQ ID NO: 11)

-ALETLLQNQQLLSWGCRGRLVCYTSVRWNET-

or

-Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asn Ser Trp Gly Cys Arg Gly
1 5 10 15

3
Cont'd Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr-
20 25 30

(SEQ ID NO: 12)

-ALETLLQNQQLLNIWGCRGRLVCYTSVRWNET-

or

-Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asn Ile Trp Gly Cys Arg Gly
1 5 10 15

Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr-
20 25 30

(SEQ ID NO: 13)

-ALETLLQNQQLLDLWGCRGRLVCYTSTVRWNET-

or

-Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asp Leu Trp Gly Cys Arg Gly

1 5 10 15

Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr-

20 25 30

(SEQ ID NO: 14)

-LNQQRLLNSWGCKGRLVCYTSTV-

or

-Leu Asn Gln Gln Arg Leu Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr

1 5 10 15

E3 cont'd
Thr Ser Val-

20

(SEQ ID NO: 15)

-RALETLLNQQRLLNSWGCKGRLVCYTSTV-

or

- Arg Ala Leu Glu Thr Leu Leu Asn Gln Gln Arg Leu Leu Asn Ser Trp Gly Cys Lys

1 5 10 15

Gly Arg Leu Val Cys Tyr Thr Ser Val-

20 25

(SEQ ID NO: 16)

-RLNSWGCKGRLVCYTSTV-

or

- Arg Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser Val-
1 5 10 15

PEPTIDE No. 1 (2B) : SEQ ID NO: 1

LLSLWGCRGKAVCYTSVQWNET

or

Leu Leu Ser Leu Trp Gly Cys Arg Gly Lys Ala Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20

Glu Thr

22

PEPTIDE No. 2 (3B) : SEQ ID NO: 2

LLSLWGCRGRLVCYTSVQWNET

or

Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20

Glu Thr

22

PEPTIDE No. 3 (4B) : SEQ ID NO: 3

LLSSWGCKGRLVCYTSVQWNET

or

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20

Glu Thr

22

PEPTIDE No. 4 (5B) : SEQ ID NO: 4

LLSSWGCKGRLVCYTSVQWNST

or

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn

1

5

10

15

20

Ser Thr

22

PEPTIDE No. 5 (6B) : SEQ ID NO: 5

LLQSWGCKGRLVCYTSVQWNST

or

3. Leu Leu Gln Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn
contd

1

5

10

15

20

Ser Thr

22

PEPTIDE No. 6 : SEQ ID NO: 6

LLNSWGCRGKAVCYTSVQWNET

or

Leu Leu Asn Ser Trp Gly Cys Arg Gly Lys Ala Val Cys Tyr Thr Ser Val Gln Trp Asn

1

5

10

15

20

Glu Thr

22

PEPTIDE No. 7 : SEQ ID NO: 7

LLSLWGCRGRAVCYTSVQWNET

or

Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Ala Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20
Glu Thr
22

PEPTIDE No. 8 (7B) : SEQ ID NO: 8

LLSSWGCRGRLVCYTSVQWNET

or

Leu Leu Ser Ser Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn
1 5 10 15 20
Glu Thr
22

PEPTIDE No. 9 (12B) : SEQ ID NO: 9

LLSSWGCKGRLVCYTS

or

Leu Leu Ser Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser
1 5 10 15

PEPTIDE No. 10 (14B) : SEQ ID NO: 10

LLNSWGCKGRLVCYTS

or

Leu Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser
1 5 10 15

PEPTIDE No. 11 (18B) : SEQ ID NO: 11

ALETLLQNQQLLNSWGCRGRLVCYTSVRWNET

or

Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asn Ser Trp Gly Cys Arg Gly

1 5 10 15

Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr

20 25 30

PEPTIDE No. 12 (19B) : SEQ ID NO: 12

ALETLLQNQQLLNIWGCRGRLVCYTSVRWNET

or

Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asn Ile Trp Gly Cys Arg Gly

1 5 10 15

Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr

20 25 30

PEPTIDE No. 13 (20B) : SEQ ID NO: 13

ALETLLQNQQLLDLWGCRGRLVCYTSVRWNET

or

-Ala Leu Glu Thr Leu Leu Gln Asn Gln Gln Leu Leu Asp Leu Trp Gly Cys Arg Gly

1 5 10 15

Arg Leu Val Cys Tyr Thr Ser Val Arg Trp Asn Glu Thr

20 25 30

PEPTIDE No. 14 (21B) : SEQ ID NO: 14

LNQQRLLNSWGCKGRLVCYTSTV

or

Leu Asn Gln Gln Arg Leu Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr

1 5 10 15

Thr Ser Val

20

PEPTIDE No. 15 (22B) : SEQ ID NO: 15

RALETLLNQRLNSWGCKGRLVCYTSV

or

Arg Ala Leu Glu Thr Leu Leu Asn Gln Gln Arg Leu Leu Asn Ser Trp Gly Cys Lys

1

5

10

15

Gly Arg Leu Val Cys Tyr Thr Ser Val

20

25

PEPTIDE No. 16 (23B) : SEQ ID NO: 16

RLNSWGCKGRLVCYTSV

or

Arg Leu Asn Ser Trp Gly Cys Lys Gly Arg Leu Val Cys Tyr Thr Ser Val

1

5

10

15

Replace the text at page 20 immediately following "Example 1" with the following text.

-- Preparation of a compound according to the invention; PEPTIDE No. 2 (3B) (SEQ ID NO: 2)

LLSLWGCRGRLVCYTSVQWNET

or

Leu Leu Ser Leu Trp Gly Cys Arg Gly Arg Leu Val Cys Tyr Thr Ser Val Gln Trp Asn

1

5

10

15

20

Glu Thr

22

Replace the text at page 28, lines 14-24, with the following.

-- These two peptides have the following sequence:

VAU 22 AA (SEQ ID NO: 19)

Leu Leu Asn Leu Trp Gly Cys Lys Asn Arg Ala Ile Cys Tyr Thr Ser Val Lys Trp Asn

1

5

10

15

20

Lys Thr

22

VAU 35 AA (SEQ ID NO: 20)

Arg Leu Leu Ala Leu Glu Thr Phe Ile Glu Glu Asn Glu Leu Leu Asn Leu Trp Gly Cys

1

5

10

15

20

Lys Asn Arg Ala Ile Cys Tyr Thr Ser Val Lys Trp Asn Lys Thr

25

30

35

Replace the first paragraph at page 40 with the following.